The AEROPLANE
and Commercial Aviation News

Volume 109

January, 1965

to

June, 1965

TEMPLE PRESS LIMITED
Bowling Green Lane
LONDON, E.C.1

1901—65

Index to Volume 109

(Dates of issue are indicated in parentheses)

A

Aaxico Airlines, DC-6 Accident, 18 (29/4), 54 (13/5)
-Saturn Airways Merger, 10 (17/6)
Accidents:—
General:—
Investigation, Paper by Dr. P. B. Walker, 18 (14/1)
Statistics, 1964, 14-16 (7/1)
Survey, First Quarter, 1965, 32 (8/4)
U.S. Trends, 1955-1964, 18 (28/1)
Individual:—
Aaxico DC-6, 18 (29/4), 54 (13/5)
Aero Commander 680E, Report, 24 (18/2)
Air Canada DC-8F, Report, 21 (4/3)
Air France Boeing 707, Report, 21 (4/3)
Air Manila DC-3, 19 (25/3)
Aliya Royal Jordanian Airlines Herald, 23 (15/4)
All Nippon Convair 880, 38 (4/3); Correction, 46 (18/3)
Aviaco Super Constellation, Report, 13 (7/1)
Avianca DC-3, 26 (1/4)
BAC One-Eleven, Reports, 12, 13 (1/4)
Beagle 206Y, Report, 23 (24/6)
BOAC Comet, 23 (11/3)
British United (CI) Airways DC-3, 23 (22/4)
Eastern Air Lines DC-7B, 15 (18/2)
Eastern Provincial Airways Herald, 19 (25/3)
Flying Tiger Super Constellation, 12 (7/1)
Frontier Airlines DC-3, Report, 19 (25/3)
Hamburger HFB 320 Hansa, 34 (20/5), 4 (3/6)
Iberia Super Constellation, 54 (13/5)
Pan American Boeing 707, Report, (4/3), 213 (11/3)
P.I.A. Boeing 720B, 11, 34, (27/5), 46 (3/6)
P.I.A. DC-3, 26 (1/4)
Purdue Aeronautics DC-3, Report, 14 (14/1)
Sabena 707, Report, 15 (21/1)
South Central Airlines Beech D18S, Report, 14 (21/1)
United Air Lines Viscount, Inquiry, 17 (28/1)
Western Air Lines DC-6B, Report, 24 (6/5)
Wiltshire School of Flying Jackaroo, Report, 30 (20/5)
Aer Alpi Turbo Skyvan Order, 34 (18/3)
Aer Lingus, *see* Irish International Airlines
Aerial Distributors DW-1 Agricultural Aircraft, 18 (25/2)
Aero Commander Jet Commander, 24 (28/1), 42 (17/6)
Turbo-Commander, 26* (18/2); First Flight, 24* (14/1); Production, 35 (20/5)
680E Accident Report, 24 (18/2)
Aero Spacelines "Pregnant Guppy", 14* (11/2)
"Very Pregnant Guppy", 19 (29/4), 25* (6/5)
Aero Trasporti Italiani, 9 (7/1)
Aerodrome Owners Association, Annual Dinner, 18 (4/3)
Aeroflot, Fleet Introductions, 3 (14/1)
Pilots under Stress, Study, 20 (27/5)
Polar Aviation Branch, 15 (3/6)
Traffic Plans, 19 (25/2)
-Lufthansa Agreement, 3 (21/1)
Aerolineas Argentinas, Comet 4 Replacement Situation, 10 (11/2), 9 (1/4)
Aeronaves del Peru SA Formed, 10 (17/6)
Aero-Nord, Nordair to be Re-formed as, 7 (7/1)
Acquires DC-7s, 12 (21/1)
Aeroplane and Armament Experimental Establishment Heliport, 17 (4/2)
Aerospace Medical Association Annual Meeting, Article by Dr. Kenneth Bergin, 4-6, (20/5)
Aerovias Panama, Ceases Operations, 9 (4/2); Restarts Operations, 11 (20/5)
Aerovias Sud Americana, Name Changed to Air Americana, 10 (15/4)
Afghanistan, Short Belfast Evaluation, 9, 10 (28/1); Corres., 7 (18/2)
Agricultural Aviation:—
Aircraft, Aerial Distributors DW-1, 18 (25/2); Cessna Agwagon, 28 (4/3), 31* (11/3); Fletcher FU-24, 40 (3/6); Z-37 Cmelak, 26 (1/4), 20* (24/6)
Paper by Dr. W. J. Maan, 24 (28/1)
United Kingdom, Article by David Woolley, 17, 18* (7/1)
U.S. Forest Spraying, 31 (11/3)
Agusta-Bell 204B Helisiss Operations, 4* (1/4)
Air Americana, Change of Name for Aerovias Sud-Americana, 10 (15/4)
Air Canada, DC-8F Accident Report, 21 (4/3)
Flight Capacity Increase, 16 (13/5)
Results, 26 (14/1), 26 (21/1), 15 (25/3), 44 (13/5)
Vanguard Turbulence Incident, 23 (24/6)
Winnipeg Overhaul Base Inquiry, 15 (4/2)
-Canadian Pacific Airlines Co-operation, 10 (29/4), 16 (10/6)
Air Ceylon, Comet Purchase Rumours, 10 (7/1)
Services, 8 (7/1)
Air Ferry-Invicta Licence Dispute, 14 (18/2)
Air France, Boeing 707 Accident Report, 21 (4/3)
Breguet Deux-Ponts Conversion, 20 (25/3)
Carvair Conversion Negotiations, 23 (18/2)
Results, 25 (7/1)
Traffic, 1964, 8 (25/3)
Air Holdings, *Supplement* (21/1)
Air Links, Britannia Purchase, 11 (13/5)
Air Manila, 9 (14/1); DC-3 Accident, 19 (25/3)
Air New Zealand, Tasman Empire Airways Renamed, 11 (28/1), 8 (29/4)
Air Registration Board TSS Standards, 28 (11/3)
Air Safety Group, 16 (7/1)
Air Traffic Control:—
ARTS and SPAN Field Trials, 22 (17/6)
IFATCA Conference, 4, 5 (29/4)
Selenia System, 27 (24/6)
U.K. Controllers' Pay and Conditions Agreement, 34 (29/4)
Air Union, 11 (25/3), 7 (1/4), 11 (20/5), 10 (27/5)
Aircoupe A-2, 20 (21/1)
AiResearch TPE 331 Turboprop Engine, 19* (1/4)
Air-India, Results, 28 (18/2)
Traffic, 1964, 10 (7/1)
"Airline of the Month" Series:—
Central African Airways, 4-7* (4/3)
Lufthansa, 4-6* (15/4)
UTA, 4-6* (3/6)
Varig, 4-7* (6/5)
Airlines:—
Accidents, *see main heading*
In-flight Entertainment, 10 (4/3), 22 (22/4), 34 (29/4), 15 (20/5), 10 (10/6), 14 (17/6), 7, 9 (24/6)
Passenger's Impressions of Round-the-World Service, 4-6* (27/5)
Traffic, North Atlantic, 8 (4/2)
Traffic, World, ICAO Statistics, 54 (13/5)
U.K., Domestic Trunk Routes, Government Decision, 9 (25/2); Earnings Abroad, 1963, 26 (7/1); Transport Policy, Article by John Brancker, 4, 5 (25/3)
see also International Air Transport Association *and under countries*
Airports:—
Charges, World Guide, 4-11 (22/4)
Equipment Guide, 20 *et seq.*, (8/4)
Runways: Slush, M.o.A. Recommendations, 14 (25/2); Wet Runway Accelerate/Stop Case, 22 (4/3)
U.K., British Airport Authority Formed, 98 (10/6); Noise: Soundproofing of Homes, 3 (18/3); Passenger Levy, 8 (14/1), 11 (11/2), 10 (29/4); Traffic, 1964, 12 (13/5)
see also under countries
Air-speed Indicator Presentation, 18 (25/3)
Airwork International, *Supplement* (21/1)
Airwork Services Ltd., *Supplement* (21/1)
Albarda, Dr. Horatius, Death of, 7* 27/5)
Aisarda Refused Permission for Scheduled Services, 15 (11/2)
Alitalia, All Weather Landing System, 16 (17/6)
DC-8 Order, 30 (28/1)
Domestic Fare Increase, 8 (1/4)
Results, 10 (17/6)
U.S. SST Orders, 30 (28/1)
-Lufthansa Sydney Route Pool, 13 (28/1)
Aliya, Royal Jordanian Airlines, Herald Accident, 23 (15/4)
All Nippon Airways, Convair 880 Accident, 38 (4/3); Correction, 46 (18/3)
Take Over Central Japan Airlines, 12 (18/2)
Traffic Decline, 12 (25/2)
Allegheny Airlines, Convair 580, 10* (24/6)
DC-9 Order, 22 (6/5)
Alon Inc. Aircoupe A-2, 20 (21/1)
Altimeter Display, Report of UK Committee, 14 (3/6)
America, *see* United States
American Airlines, Boeing 727 Order, 8 (25/2)
Results, 27 (18/2), 44 (13/5)
Traffic, 1964, 11 (25/2)
Amsterdam, Schiphol, Airport, 13* (28/1); Traffic 10 (4/2), 20 (6/5)
Ansett-A.N.A., Adelaide-Darwin Traffic Rights, 8 (7/1)
Caribou, 14* (20/5)
Carvairs, 9 (21/1), 14 (18/2), 22 (6/5)
DC-9 Re-equipment Proposals, *see* Australia, Airlines
Philippines Service Sought, 11 (7/1)
Results, 20 (25/2)
S-61Ns, 10* (7/1), 11 (28/1)
Antilles Air Boats, Grumman Goose, 9* (29/4)
Antilliaanse Luchtvaart Maatschappij Convair 340, 16 (11/2)
Antonov An-12, 46* (8/4), 29 (17/6)
An-22, 16-19* (24/6)
An-24, 29 (17/6); Orders, 34 (25/3), 12 (8/4)
Aqaba, International Airport to be Built, 12 (25/3)
Argonaut Airlines Merged into Southeast Airlines, 10 (15/4)
Association of British Aero Clubs and Centres, Annual Dinner, 34 (18/2)
Auckland Manaere Airport, 15 (13/5)
Australia:—
Aircraft Rental Scheme, 24 (28/1)
Airlines, DC-9 Re-equipment Proposals, 10 (14/1), 9 (1/4), 11 (8/4), 12 (29/4), 21 (6/5), 11 (13/5), 11 (13/6)
Airlines, Results, 14 (24/6)
Domestic Services, Article by David Rendel, 14-16* (28/1)
Dubbo Service Dispute, 11 (27/5), 10 (3/6)
Duty Payable on Foreign Aircraft, 10 (25/2), 10 (15/4)
International Parcels Express Co. Inter-State Air Freight Services, 7 (10/6), 8 (17/6)
Italian Agreement, 11 (25/3)
Licensing of Intra-state Services, 10 (11/2)
Migrant Traffic, 8 (10/6)
Policy on Competitive Trunk Airlines, 10 (4/3)
Reaction to British Independent Freight Services Veto, 10 (27/5)
Road Carriers' Air Freight Bid Fails, 9 (7/1)
Royal Flying Doctor Service, 24 (14/1)
Warnings on Unidentified Aircraft, 19 (11/2)
Austrian Airlines, Results, 19 (4/2)
Autair International Airways Acquired by Court Line, 18 (22/4)
Aviaco Results, 12 (10/6)
Super Constellation Accident Report, 13 (7/1)
Viscount Lease, 8 (7/1), 11 (29/4)
Aviamilano F.250, 28* (22/4)
Avianca DC-3 Accident, 26 (1/4)
Results, 6 (17/6)
727 Order, 14 (15/4)
Aviation Traders (Engineering) Ltd., *Supplement* (21/1)
Carvairs, Air France Conversion Negotiations, 23 (18/2); DC-6B and DC-7B Versions, 34 36 (8/4); Orders, 18 (11/3), 22 (6/5)
Hy-lo Loader, 16* (11/3)

B

Barling, Walter H., Death of, 14 (22/4)
Beagle Aircraft, Article by David Woolley, 21*, 22 (18/2)
206Y, Accident Report, 23 (24/6)
Beaumont, Major K. M., Death of, 34 (29/4)
Beech Baron, United Builders Merchants, 22*, 24 (13/5)
18, Volpar Turboprop Conversion, 90* (10/6)
Beirut, IACO Safety Centre, 18* (17/6)
Belgium: C-119 Replacement Programme, 34 (25/3)
Bell Model 208 Helicopter, 78 (10/6)
UH-1D, Dornier Production Contract, 40 (13/5)
YuH-1B, High-speed Run, 33 (20/5)
Bergen Fiesland Airport Repairs, 12 (21/1)
Bergin, Dr. Kenneth, Article on Aerospace Medical Association Annual Meeting 4-6 (20/5)
Biggin Hill Air Fair, 35 (20/5)
BKS Air Transport, Tees-side-Amsterdam Service, 11 (15/4)
Blackbushe, Aircraft Movements, 1964, 12 (13/5)
Blinov, Boris, Flying Wing Proposal, 39 (13/5)
Boeing Company:—
Air Freight Report, 15 (25/3)
Damages Award to Accident Widow, 14 (29/4)
Renton Factory Extension, 19 (1/4)
Undercarriage Patent Application, 21* (7/1)
707, Orders, 7 (4/2), 10 (11/2), 54 (13/5); Prototype, Use for SST Research, 34 (24/6); 707-320C, Olympic Order, 11 (29/4); Model 820, 21 (28/1), 26 (24/6)
727, *Supplement** (4/2); Deliveries, 30 (14/1); Military Air Drop Assault Transport Tests, 24* (18/2); Orders, 8 (25/2), 14 (25/3), 14 (15/4), 19 (22/4), 54 (13/5); 727C, Operation from Aircraft Carriers Envisaged, 15 (25/2); 72-QC, 25 (24/6)
733 SST, Development, 34 (11/2); Tests, 38* (3/6), 78* (10/6); Variants, 30 (4/3); 733-290, 15* (25/6)
737, Data 3, 23, 24*, 38* (4/3), 34*, 35* (3/6); Lufthansa Order, 8 (25/2); U.A.L. Order, 14* (15/4); Variants, 38 (15/4), 25 (6/5)
-Bendix Automatic Landing System, 19, 34* (25/3), 18* (15/4)
-Vertol Damper System, 39 (3/6)
Bolkow-Merckle Agreement, 21 (21/1)
Books and Publications:—
"The Air War in the West: June 1941-April 1945", by T. N. Dupuy and E. Ward, 32 (4/3)
"Airline Management", by W. S. Barry, 32 (4/3)
"Aviation Psychology", edited by A. Cassie, 17 (25/3)
"Avro Aircraft Since 1908", by A. J. Jackson, 32 (15/4)
"Behind the Scenes in an Aircraft Factory", by J. D. Storer, 32 (15/4)
"Billion Dollar Battle", by Harold Mansfield, 32 (15/4)
"Early Aeroplanes", by Howard Linecar, 32 (4/3)
"Flight Planning", by G. D. P. Worthington, 26 (27/5)
"Great Flights", by Norman Macmillan, 19 (7/1)
"Hawker VC", by Tyrrel M. Hawker, 32 (15/4)
"Interavia ABC", 26 (27/5)
"The Law of the Air", by Lord McNair, 32 (4/3)
"Lufthansa's Aviation Press Pocketbook", 32 (4/3)
"The Observer's Book of Aircraft, 1965", 32 (4/3)
"Passports and Profits" (Pan American), 32 (15/4)
"Semaphore to Satellite", by Dr. Antony R. Michaelis, 26 (27/5)
"What were They Like to Fly?" by Sqn.-Ldr. D. H. Clarke, 32 (4/3)
"White's Air Directory, 1965", 32 (4/3)
"The World's First Aeroplane Flights", by C. H. Gibbs-Smith, 26 (27/5)
"50 Jahre Dornier", 26 (27/5)

* Illustrations

Borneo Airways Absorbed by Malaysian Airways, 10 (8/4)
Braathens S.A.F.E., Results, 26 (28/1)
Spain Charters Ban, 15 (11/3), 8 (25/3)
Brancker, John, Article on the New Government Policy on Air Transport, 4, 5 (25/3)
Brancker Memorial Lecture, 11 (11/2)
Braniff International Airways BAC One-Eleven, 10* (25/3)
Boeing 707-320C and 727QC Order, 54 (13/5)
Information Computer System, 26 (22/4)
Proposal for Student Travel Rate, 11 (4/3)
Results, 27 (18/2), 31 (20/5)
Brazil, Air Agreement Negotiations, 20 (6/5)
Santa Genoveva International Airport, 12 (13/5)
Twin Turboprop, 12 (8/4)
Breguet, Activities Reviewed, 28, 29* (3/6)
Deux-Ponts, Air France Conversion, 20 (25/3); Named Universal, 26* (6/5)
941, 39 (17/6); Government Aid, 30 (4/3); U.S. Tour, 38 (4/3), 21 (27/5); USAF Requirement Study, 23 (25/3); Variants, 32* (17/6)
944 STOL Project, 15 (4/2), 23 (11/2)
-Nord Co-operation, 32 (17/6)
Bristol Aeroplane Co. Ltd., Results, 16 (15/4)
Bristol Britannia, Aviation Traders Large Door, 15 (25/2)
Bristol Siddeley Engines Ltd.:—
BS.123 Turbofan, 43 (17/6)
Olympus 593, 30 (17/6); Acceptance Tests, 21 (28/1)
Two New Divisions Formed, 21 (7/1)
SNECMA Collaboration, 22 (11/2); M45 Engine, 43* (17/6)
Bristow Helicopters, *Supplement* (21/1)
Support Services for North Sea Drilling Rigs, 11 (28/1), 18 (4/3), 21* (1/4), 31* (15/4)
Britair East African Airways, 11 (11/2)
Britannia Airways Acquired by Thomson Group, 10 (6/5)
British Aircraft Corporation:—
Concorde, Air-conditioning Contract, 26 (22/4); Altimeter Contract, 23 (29/4); First Flight, planned for 1968, 20 (25/3); Operators' Conference 18* (27/5), 38 (3/6); Research Costs, 21 (28/1); Sabena Option, 11 (3/6)
Hurn Factory Production Line, 21* (14/1)
One-Eleven, *Supplement* (25/2); Accident Reports, 12, 13 (1/4); Anglo-Italian Production Discussed, 30 (4/3), 34 (22/4), 11 (3/6); Braniff International, 10* (25/3); Certification Programme, 30 (28/1); Delivery Delay, 3 (4/2); FAA Certificate, 19 (29/4); First Service in the USA, 10 (29/4); Inaugural Commercial Flight, 11 (15/4)
Redundancies as a Result of TSR.2 Cancellation, 34 (29/4)
Results, 15 (25/3)
British Aircraft Industry:—
Facts and Figures, 4, 5 (21/1), 6 (11/2)
Joint French Development, 16 (25/2), 42 (20/5)
Lightplane Industry, Need for Revitalizing, 27 (11/3)
P.1154/HS.681 Cancellation, 6, 7 (11/2), 4-6 (18/2)
Trades Union Congress Submission to Plowden Committee, 34 (6/5)
British Eagle International Airlines, Caribbean I.T. Appeals Dismissed, 10 (18/2)
Ex-UAA Viscounts, 13 (25/3)
New Licences Granted, 12 (28/1)
Results, 22 (21/1)
Resumption of Suspended Domestic Services, 7 (10/6)
Round-the-world Inclusive Tour, 11 (25/3)
British European Airways:—
Advertising Campaign, 26* (14/1)
Appeal Against Licensing of Private Companies for I.T. Services Dismissed, 26 (28/1)
Argosy 222s, 16* (11/3)
B.U.A. Corfu I.T. Service, Appeal Rejected, 8 (25/2)
Domestic Trunk Network Government Decision, 9 (25/2)
Double-deck Airport Coaches, 39 (8/4)
Inclusive-tour Appeals Withdrawn, 14 (8/4)
Overseas Sales, 1964, 10 (18/3)
Pilots' Strike, 23 (22/4)
Results, 7 (24/6)
Traffic, 1964-65, 11 (6/5)
Trident Weather Minima, 14 (4/2)
Women's Travel Service, 12 (27/5)
Writ Against S. Smith and Sons (England) Ltd., 38 (4/3)
British Midland Airways, 11 (4/2), 15 (11/2)
British Overseas Airways Corporation:—
Aircraft for Associate Companies, 15 (4/3)
Comet Accident, 23 (11/3)
Communications Computer System, 19 (11/2)
Last Britannia Service, 10 (29/4)
North Atlantic Traffic, 1964, 10 (14/1)
Pilots' Salaries, 12 (7/1)
Results, 16 (8/4)
Terminal at Kennedy International Airport, 14* (8/4)
Super VC10, 7 (4/2), 15* (11/3), *Supplement* (1/4)
£110m. Government Debt Written Off, 38 (4/3)
British United Air Ferries, *Supplement* (21/1)
British United Airways:—
Activities Reviewed, *Supplement* (21/1)
Domestic Applications, 10 (27/5)
Leningrad I.T. Service, 10 (4/3), 8 (17/6)
Licence Applications, 10 (3/6)
London-Brussels "Silver Arrow" Service, 38 (15/4)
One-Eleven, First Service Flight, 11 (15/4)
Pilots' Salaries, 12 (7/1)
Rio de Janeiro Rights, 7 (7/1)
VC10 Operations, 8 (13/5)
British United (C.I.) Airways, *Supplement* (21/1)
DC-3 Accident, 23 (22/4)
British Westpoint Airlines, Air Taxi Feeder Service Application, 10 (25/3)
BN-2s, 9 (18/3); Corres., 6 (1/4)
Britten-Norman BN-2 Islander, 9 (18/3), 6 (1/4), 56 (17/6) 25* (24/6); First Flight, 46* (17/6)
Browning, Walter, Death of, 12 (11/3)
Burtonwood Representations, 12 (13/5)
Burnelli Aircraft, 8 (15/4), 7 (13/5), 8 (27/5), 6 (10/6), 6 (24/6)
Business Aviation:—
Classified Guide to World Light Aircraft, 31 *et seq.* (13/5)
European Development, 20, 22 (13/5)
European Distributors and Agents, 24, 26 (13/5)
Principal Lightweight Nav/Com. Equipment, 36 (13/5)

C

Caledonian Airways, Britannia 312s Leased, 12 (28/1), 18* (22/4)
Fleet Livery, 9* (24/6)
Results, 19 (25/2)
California, Integrated Airport System, Article by Michael Lorant, 17 (11/2)
Cambrian Airways Re-equipment, 12 (29/4)
Canada:—
Cabot Strait Ferry Possibility, 11 (4/3)
Charter Operators Taken Over, 12 (27/5)
Fare Increases, 10 (27/5)
U.S. Agreement, 10 (18/2), 8 (29/4)
Canadair CL-44, Fuselage Length Increased, 27 (6/5); CL-44J, 33 (17/6)
CL-84 Dynavert, 28* (11/3); First Flight, 34 (20/5)
CL-215 Project, 34 (17/6), 21* (24/6)
Canadian Pacific Airlines, Air Canada Co-operation, 10 (29/4), 16 (10/6)
Results, 28 (18/2), 10 (18/3)
Traffic Forecast, 1965, 26 (7/1)
Capital Airways, Results, 25 (7/1)
Cardiff Airport to be Known as Glamorgan (Rhoose) Airport, 15 (8/4)
Caribbean Atlantic Airlines (Caribair), Dart Convair Order, 18 (11/3)
Central African Airways, Article by John Seekings, 4-7* (4/3)
BAC One-Eleven Simulator, 30* (11/3)
Results, 20 (4/2)
Central Japan Airlines Absorbed by All Nippon Airways, 12 (18/2)
Cessna Agwagon Agricultural Aircraft, 28 (4/3), 31* (11/3)
Model 411 Executive Twin, 25*, 26* (18/2), 28* (22/4)
E-310J, 24 (27/5)
Production, 28* (24/6)
Results, 20 (4/2)
Sales, 1964, 25 (14/1)
Skyhawk, 28* (6/5)
Super Skylane, 24 (14/1)
Super Skymaster, 26* (18/2), 28* (22/4)
1965 Range, 20 (21/1)
Channel Airways, All-turbine Fleet Plans, 15 (4/3)
A.T.L.B. Decisions, 12 (28/1)
HS748 Order, 14 (20/5)
Chicago Helicopter Airways, Turbine-powered S-58 Interest, 18 (11/3)
China, Air Agreement Talks, 11 (6/5), 13 (27/5), 7 (24/6)
China Air Lines, Activities, 8 (24/6)
Churchill, Sir Winston, Death of, 3*, 5, 6 (28/1)
Civil Aeronautics Board:—
Approves IATA Fares, 15 (13/5)
"Blocked-space" Ban Reversed on Appeal, 15 (29/4)
New Chairman, 8 (6/5)
Pacific Route Case, 34 (24/6)
Wet-lease Requirements, 9 (7/1), 14 (29/4)
see also United States
Clegg, Peter, Articles by:—
K.L.M. Reorganization, 15-17* (14/1)
Omar Fontana, 24* (24/6)
Panair do Brasil Winding-up, 4 (8/4); Corres., 15 (22/4)
Varig, 4-7* (6/5)
Collins Radio Company, London Data Centre, 19 (11/2)
Condor Flugdienst F-27s, 11 (25/2)
Results, 14 (6/5)
Conrad, Max, Cape Town-U.S. Record Flight, 24* (7/1)
Continental Airlines, Douglas DC-9C Order, 46 (18/3)
Results, 27 (18/2)
Convair Coronado 990, Swissair Service Results, 4*, 5* (18/3)
Dart Conversion Orders, 18 (11/3), 9 (18/3), 12 (17/6)
580, Allegheny Airlines, 10* (24/6)
600 (Dart), Data Sheet, 17* (25/2); First Flight, 20* (27/5), 8 (3/6)

* Illustrations

Correspondence:—
Accidents: Pilot Error, 7 (21/1); Tape Transcripts, 6 (25/2)
Air Traffic Control R/T Procedure, 6 (25/2)
Aircraft Auctions, 8 (27/5) 6 (10/6)
Airport Noise, 15 (22/4)
BKS Fares Appeal, 6 (24/6)
BOAC Hermes Deficit, 6 (14/1), 8 (21/1), 8 (28/1), 6 (4/2), 6 (25/2)
British Aircraft Industry, 7 (29/4)
British Light Aircraft, 5 (4/2), 8 (4/3), 14 (11/3), 7 (25/3), 7 (8/4), 15 (22/4), 9 (6/5)
Burnelli Aircraft, 8 (15/4), 7(13/5), 8 (27/5), 6 (10/6), 6 (24/6)
C-130 Data, 7, 10 (20/5)
Cargo Aircraft Design, 5 (7/1), 7 (28/1)
Concorde Viability, 6 (7/1), 7 (28/1)
Convair Safety Record, 7 (29/4), 7 (13/5)
de Havilland Aircraft Names, 7 (25/3)
Dissemination of Safety Information, 5 (14/1)
East African Civil Aviation Services, 5 (17/6)
Farman Freighter, 7* (25/3)
Flight Operations Officers, 7 (20/5)
Flying Training, 6 (14/1)
Historic Aircraft, 6 (4/2)
Jet Fuel Safety, 8 (4/3)
Junkers F-13, 7 (29/4)
London Airport Snow Clearance, 8 (15/4), 10 (20/5)
Meteorological Service, 5 (17/6)
Navigation Aids, 7 (28/1), 8 (11/2)
Pallet Standardization, 6 (7/1)
Panair, 15 (22/4)
Potez Versions, 5 (4/2)
Royal Air Force Aircraft, 14 (11/3), 6 (1/4)
Short Belfast Potential, 7 (18/2)
Sud Galion, 7 (25/2)
Super VC10 Data, 9 (6/5)
Transport Command, 6 (1/4), 7 (8/4), 9 (6/5)
TSR2 Cancellation Dangers, 7 (21/1)
Westpoint BN-2s, 6 (1/4)
Winston Churchill, 8 (11/2), 7 (18/2)
Cossor RBDE-5 16-in. Scan Conversion Display, 18 (13/5)
Cranfield, Role for the 1970s, 26 (4/2)
Cubana, Long-haul Jet Replacement, 13 (25/3)
Cyprus Airways to Start Services in its Own Right, 10 (13/5)
Czechoslovak Airlines Il-62 Plans, 14 (10/6)
New Director-General, 46 (17/6)
Czechoslovakia, HC-3 Helicopter Flight Trials, 20 (14/1)
Z-37 Cmelak Agricultural Aircraft, 26 (1/4), 20* (26/6)

D

"Daedalus", Letters from Olympus:—
British Aircraft Industry, 5 (21/1)
Hope for TSR2?, 70 (17/6)
HS681 Cancellation, 4 (11/2)
In-flight Entertainment, 9 (24/6)
Opportunities for Independents, 12 (25/2)
Damascus, New Airport Planned, 10 (7/1)
Dassault Activities Reviewed, 22*, 27* (3/6)
Mercure, 34 (17/6)
Mystere 20/Falcon, 18* (4/2), 40 (3/6), 42 (17/6); Flight Test Programme, 26 (1/4), 33 (20/5); Pan-Am Order, 34 (18/2)
Data Sheets:—
BAC One-Eleven, *Supplement* (25/2)
Boeing 737, 34*, 35* (3/6)
Dart Convair 240D, 17* (25/2)
Vickers Super VC10, *Supplement* (1/4); Correction, 9 (6/5)
Day, Robin, Article on the Interior Design of the BOAC Super VC10, *Supplement* (1/4)
de Havilland, Sir Geoffrey, Death of, 34* (27/5)
de Havilland Aircraft of Canada Ltd.:—
Buffalo Weight Increase, 24 (22/4)
Caribou, 14* (20/5)
Turbo-Beaver, 26 (11/2)
Twin Otter, 21 (7/1), 22* (25/3); Australian Interest, 14 (27/5); First Flight, 18* (27/5)
Delta Air Lines, Results, 31 (20/5)
Dempsey, Dr. J. F., Brancker Memorial Lecture, 11 (11/2)
DINFIA Guarani II, 42*, 43 (17/6)
Dornier Do31, 19 (27/5), 39* (17/6)
Production Contract for Bell UH-1D, 40 (13/5)
Skyservant, 34* (27/5), 21* (24/6), 34 (17/6)
Douglas Aircraft Co. Inc.:—
C-133 MATS Fleet Modified, 23 (29/4)
DC-6B Cargo/passenger Conversions, 21 (27/5)
DC-7C Executive Aircraft, 31* (4/3)
DC-8, Lufthansa, 11* (24/6); Series 60, 46 (8/4), 14, 25* (15/4)
DC-9, 30* (14/1); First Flight, 30* (4/3); Flight Test Programme, 28 (11/3), 34 (20/5); Orders, 14 (4/3), 18 (11/3), 13*, 14 (25/3), 9 (1/4), 11 (8/4), 21, 22 (6/5), 11 (3/6); Progress, 16*, 19* (21/1); Tail Assemblies Scrapped, 16 (4/2)
Results, 28 (18/2), 11 (1/4)

E

East African Airways, Expansion Plans, 8 (10/6)
New Livery, 10* (3/6)
Results, 31 (20/5)
Super VC10 Order, 11 (8/4)
East Midlands Airport, 11 (14/1), 10* (1/4), 20* (22/4)
Eastern Air Lines, Boston Terminal Plans, 20 (22/4)
Cargo Record, 1964, 16 (11/3)

DC-7B Accident, 15 (18/2)
DC-8 Series 61 Order, 14 (15/4)
DC-9 Order, 14 (4/3), 13* (25/3)
Domestic Fare Structure, 13 (21/1), 9 (4/2)
Engine Overhaul Facilities for Other Airlines, 22 (7/1), 23 (11/2), 20 (25/2), 19 (1/4)
Offer for Northeast Airlines Withdrawn, 8 (4/2)
Results, 9 (21/1), 27 (18/2)
Shareholding in LANSA, 7 (10/6)
Eastern Provincial Airways, Herald Accident, 19 (25/3)
Editorials:—
Air Freight, 4 (14/1), 4 (4/2)
Airport Noise: Soundproofing of Homes, 3 (18/3)
Britain's Internal Air Services, 6 (21/1), 3 (4/3), 3 (27/5)
British Aircraft Industry, 4 (7/1), 4 (14/1), 6 (21/1), 6 (18/2)
BEA Pilot Dispute, 3 (22/4)
Collaboration, 3 (20/5)
Cranfield, 4 (4/2)
Executive Aviation, 3 (13/5)
Gatwick Services, 3 (24/6)
IACO Montreal Assembly, 3 (17/6)
IATA Cargo Conference, 3 (6/5)
Jet Fuel Controversy, 4 (28/1)
Lack of Support for Important Lectures, 3 (11/3)
Light Aircraft, 4 (4/2)
Military and Civil Links, 4 (7/1)
Nuclear Power, 4 (28/1)
One-Eleven Accident Reports, 3 (1/4)
Paris Air Show, 3 (10/6)
Plowden Committee, 3 (15/4)
Price of Aircraft Spares, 3 (8/4)
Safety, 4 (7/1)
Safety Heights over High Ground, 4 (28/1)
Sonic Bang Demonstration, 3 (29/4)
Tariff Provisions on Inclusive Tours, 3 (25/3)
Transatlantic Inclusive Tours, 3 (3/6)
El Al, Group Fares Cuts, 7 (10/6)
U.S. Charter Contract, 10 (25/3)
Electronics, Paris Show Exhibits, 36*, 41*, 42*, 44*, 48* (10/6), 44 (17/6)
Emery Air Freight Corporation, Los Angeles Terminal, 15 (20/5)
Results, 16 (27/5)
Emerald Airways, 15 (11/2), 11 (25/3); Skyvan Order, 13 (25/3)
English Electric Co. Ltd., Group Integration, 20 (14/1)
Results, 10 (18/3)
Europe: Aircraft Industry, 48 *et seq* (17/6)
Executive Aviation, *see* Business Aviation
Exports, U.K., 25 (14/1), 34 (11/2), 10 (18/3), 16 (15/4), 31 (20/5); Selected Commodities, 15 (8/4); by Air, 12 (1/4)

F

Fairchild F-27, Operators Review, 8, 9 (11/3)
FH-227 Mohawk Order, 9 (4/2)
Fairways, 9 (14/1)
Fares:—
Canadian Increases, 10 (27/5)
IATA, Resolution Approved by CAB, 15 (13/5)
ITX Fares, 11 (4/3)
North Atlantic, 38 (4/3)
U.K. Domestic Increases Rejected, 14 (4/3)
Federal Aviation Agency:—
Emergency Evacuation Trials, 22 (22/4)
New Administrator, 8 (6/5)
Resignation of Najeeb Halaby, 7 (15/4)
see also United States
Fiat G.222, 21 (27/5), 40 (17/6)
Finnair Results, 21 (21/1)
Fletcher FU-24 Agricultural Aircraft, 40 (3/6)
Flying Enterprise, 70% Interest Acquired by Spies Rejser, 8 (8/4)
Flying Tiger Line, CL-44 Orders, 10 (21/1)
Super Constellation Accident, 12 (7/1)
Fokker Bond Tester, 22* (7/1)
F-27, Condor Flugdienst, 11* (25/2); Operators Review, 4-11* (11/3); Orders, 14 (4/3), 18 (11/3), 11 (29/4)
Fog, Negative, Artificial Dispersal, 17 (25/3)
Fontana, Dr. Omar, "Men at the Top" Series, 24* (24/6)
Found FBA-2 Order, 9 (4/2)
France:—
Aircraft Industry Review, 17 *et seq*, (3/6)
Anglo-French Collaboration, 16 (25/2), 42 (20/5)
Chinese Air Agreement Talks, 13 (27/5)
Private Flying, 40 (18/3)
Trinidad and Tobago Agreement, 7 (1/4)
Freight:—
Containers, IATA Regulations, 16 (11/2)
Figures, 1964, 15 (25/3)
IATA Conference, 16 (6/5)
MATS Charter Rates Reduction, 12 (18/2), 10 (1/4)
R.Ae.S. London Airport Branch Symposium, 22, 23 (14/1)
U.S. Airline Traffic, 1964, 15 (25/3)
U.S. "Blocked-space" Programme, 16 (11/3), 15 (29/4)
U.S. Rates Dispute, 13 (24/6)
Fricker, John, Article on the Lockheed C-130 Hercules, 16-20*, 22* (20/5)
Frontier Airlines, DC-3 Accident Report, 19 (25/3)
Take-over by R.K.O. General Inc., 9 (14/1)
Fuel, Jet, U.S. Study, 22 (28/1)
Fuel Tanks, Crash Impact Study, 23 (28/1)

G

Garrett- AiResearch TPE-331 Lightweight Turboprop, 20 (28/1)
Garuda Indonesian Airways, First Flight to Amsterdam, 11* (15/4)
General Dynamics Corporation, Results, 28 (11/2), 44 (13/5)
General Electric GEA/J5 U.S. SST Powerplant Proposal, 39* (3/6), 30, 43* (17/6)
General Precision Systems, Simulator Orders, 23 (25/3)
Germany: SST Airport Planned, 20 (22/4)
Ghana Airways, Tourist Drive, 11 (4/3)
VC10, 12* (18/2)
Glamorgan (Rhoose) Airport, New Name for Cardiff Airport, 15 (8/4)
Green, Gustavus, Death of, 5 (7/1)
Gregory Air Services, 26* (29/4)
Grønlandsfly Sikorsky S-61Ns, 3* (29/4)
Grumman Goose, 9* (29/4)
Gulfstream 2, 22 (25/3), 39 (13/5)
Guild of Air Pilots and Air Navigators, Awards, 7 (15/4)

H

Hague Protocol, US Ratification, 7 (24/6)
Halaby, N., Resignation from FAA, 7 (15/4)
Hamburger Flugzeugbau GmbH, Capital Increased, 15 (4/3)
HFB 320, 18* (25/2), 38* (8/4); Accident, 34 (20/5), 46 (3/6); Production Increase, 90 (10/6)
Handley Page Ltd.:—
Herald, Orders, 10 (21/1), 19 (22/4), 46 (17/6); Temporary Operational Restriction, 19 (29/4); Logistics Transport Version, 40 (8/4); Series 600 and 700, 84 (10/6)
HP.131 Project, 34 (25/3)
HP.134 Project, 33 (17/6)
HP.135 Project, 40* (17/6)
HPR.8 Project, 8* (1/4)
Hawaiian Airlines, Dart Convair Order, 9 (18/3)
Results, 16 (8/4)
Hawker Siddeley Aviation Ltd.:—
DH.129 Project, 39 (17/6)
Executive Changes, 5 (1/4)
HS.125 Canadian Sales, 27 (25/3); Orders, 24 (7/1), 40 (18/3); Overseas Trials, 24 (22/4), 54* (13/5); Production Increase, 19 (27/5); Viper 522-powered, 38 (8/4)
HS.681 Cancellation, 4, 6, 7 (11/2)
HS.748, All-up Weight Increase, 34 (6/5); Customer list, 11 (24/6); Indian Airlines Order Doubt, 14 (10/6); Indian Production, 27 (6/5), 60 (17/6); Orders, 11 (18/2), 14 (20/5)
P.1154 Cancellation, 6, 7 (11/2)
Reorganization, 34 (25/3)
Trident, Autoflare Certificated, 18 (10/6); Flight Trials, 39 (13/5); TABSO Interest, 12 (15/4); Weather Minima, 14 (4/2)
Heliswiss, Agusta-Bell 204B Helicopter Operations, 4* (1/4)
Hiller FH-1100 Helicopter, 22* (18/2)
Hispano-Suiza Activities Reviewed, 27, 28* (3/6)
Hives, Lord, Death of, 34 (29/4)
Hobson, H.M., Ltd., Computing Facilities, 26* (22/4)
Holden, D., Article on Tyre Selection for Modern Aircraft, 24*, 25 (25/3)
Honeywell Air Data Computer, 17* (4/2)
Hooker, Dr., S. G., Wakefield Memorial Lecture, 26 (15/4)
Hughes Tool Co., LOH Contract, 46 (3/6)
Model 500 Five-seat Helicopter, 40 (13/5), 35* (20/5), 24 (27/5), 21* (24/6)
XV-9A "Hot-cycle Rotor" Helicopter, 22* (11/2)
Hurel Dubois Activities Reviewed, 31 (3/6)

I

Iberia, Organizational Changes, 20 (4/2)
Results, 25 (14/1)
Super Constellation Accident, 54 (13/5)
Icelandair, Traffic 1964, 10 (25/3)
Ilyushin Il-18, IAC Interest, 12 (17/6), 11 (24/6); Orders, 34 (25/3)
Il-62, 20* (7/1), 36* (3/6), 24, 28 (17/6), *Supplement* (4/2); CSA Service Plans, 14 (10/6)
India, Airlines, Fleet Equipment Proposals, 15 (4/3)
748 Production, 27 (6/5), 60 (17/6)
Indian Airlines, Caravelle Purchase Approved, 13 (25/3)
HS.748 Order Doubt, 14 (10/6)
Il-18 Interest, 12 (17/6), 11 (24/6)
Results, 26 (7/1), 31 (20/5)
Traffic, 1964, 10 (7/1)
Insurance, *Lloyd's List* Annual Review, 26 (7/1)
Interflug, An-24 Order, 12 (8/4)
Tu-124, 18 (11/3)
International Air Transport Association:—
Cargo Conference, 16 (6/5), 12 (3/6)
Clearing House Business, 1964, 21 (21/1), 16 (25/3)
Passenger Agency Relations Sub-committee Set Up, 8 (18/3)
Regulations Relating to the Carriage of Restricted Articles by Air, 16 (25/3)
Seventh Public Relations Conference, 16 (4/3)
Technical Conference, 34 (22/4), 34 (29/4), 4, 5 (13/5)
see also Airlines
International Association of Air Traffic Controllers' Associations, Fourth Annual Conference, 4, 5 (29/4)
International Civil Aviation Organization, Safety Centre, 18* (17/6)
International Federation of Air Line Pilots Associations, 20th Conference, 14 (1/4), 18 (8/4), 18 (15/4)
International Helicopters Ltd., Sikorsky S-61N First Transatlantic Crossing by Civil Helicopter, 42* (20/5), 46* (3/6)
Invicta Airways, DC-4, 12* (4/3)
Fleet Acquisition Plans, 8 (7/1)
Inclusive-tour Licences Granted, 14 (18/2)
Irish International Airlines, Stand Against Flight Entertainment, 30 (28/1)
Aer Lingus; Acquisition of KLM Viscounts, 8, 26 (1/4); F-27s Sold to P.A.L., 22 (6/5); Reservations System, 23 (18/2)
Italy:—
Air Traffic Decline, 11 (15/4)
Australian Agreement, 11 (25/3)
Night Air Mail Services, 7 (1/4)
U.K. Co-operation Studied, 19 (1/4)
U.S. Air Talks, 7 (14/1)
Itavia, Services Suspended, 3 (11/2)
Efforts to Save, 8 (10/6)

J

James, Thurstan, Retirement, 4*, 5 (25/2)
Japan, U.K. Agreement Talks, 8 (8/4), 14 (29/4)
Japan Air Lines, DC-8F, 3* (25/3)
Results, 26 (7/1), 19 (4/2), 31 (20/5)
Japan Cargo Airways, 8 (25/3)
Japan Domestic Airlines, Boeing 727 Order, 19 (22/4)
Nord 262, 14* (10/6)
Jeddah Airport, 3* (22/4)
Jersey Airlines, *see* British United (C.I.) Airways
Joy, C. F., Article on the Airbus, 17*, 18* (1/4)
Junkers, Messerschmitt Acquire Full Control of, 10 (18/3)

K

Karachi Airport, Air Traffic Control Centre, 13 (4/2)
Kiev Airport Terminal, 10* (10/6)
King Radio Corporation, Gold Crown Equipment, 19 (28/1)
Kingdom of Libya Airlines (KLA), Caravelle 6Rs Ordered, 14 (20/5)
KLM Royal Dutch Airlines, Douglas DC-9 Order, 14 (25/3)
London Airport Vehicles, 23 (7/1)
Reorganization, Article by Peter Clegg, 15-17* (14/1)
Results, 15 (25/3)
Kuala Lumpur, Subang International Airport, 18* (4/3)
Kuwait Airways, Traffic, 1964, 7 (1/4)

L

Lake Central Airlines Nord 262s, 8* (7/1), 14 (11/2)
LAN-Chile, Fleet Equipment Plans, 15 (4/3)
Landing Systems, Boeing-Bendix, 19, 34* (25/3), 18* (15/4); Lear Siegler, 16 (17/6)
LANSA, Eastern Airlines Shareholding in, 7 (10/6)
Law: Tokyo Convention, 15 (6/5)
Lear Jet Corporation, New Aircraft Studies, 34 (27/5)
Lear Jet, First in Europe, 26* (29/4); Improvements, 20 (2/1); Orders, 40 (3/6)
Lear Siegler All Weather Landing System, 16 (17/6)
Leeds/Bradford Airport Fire, 15 (27/5)
Leeward Islands Air Transport, HS748 Order, 11 (18/2)
Leningrad, Shossejnaya Airport, 8* (17/6)
Leroy Tours, *Supplement* (21/1)
Liberian National Airways, Union de Transports Aériens Assumes Control of, 10 (25/2)
Ling-Temco-Vought XC-124A Tilt-wing VTOL Aircraft, 16* (4/2), 20 (1/4)
Linjeflyg, Convair Conversion Interest, 12 (17/6)
Liverpool Airport, Development, 10 (14/1)
Snow-clearing Machine, 16 (4/2)
Lloyd International Airways, Britannia 312s, 18 (11/3)
Lockheed Aircraft Corp.:—
C-130 Hercules, Analysis by John Fricker, 16-20*, 22* (20/5); Comparison with Short Belfast, 5* (11/2)
C-141 Starlifter, Civil Version Offered, 44 (13/5); Flight Trials, 23 (29/4)
Electra, Second-hand Market, 10 (24/6)
Folding Rotor Helicopter Design, 20 (7/1)
Jet-powered Helicopter Crane Proposed, 24 (18/2)
JetStar Precautionary Inspection Ordered, 26 (24/6)
Model 382 Civil Hercules, 23 (25/3)
Results, 28 (11/2)
SST Research Activities, 16 (25/2)
Loftleidir CL-44s, 10 (18/2), 12* (8/4)
London (Gatwick) Airport, Article by David Woolley, 4*, 5* (24/6)
Runway Water Depth Measuring Equipment, 18 (28/1)
London (Heathrow) Airport, Noise: Aid for Soundproofing Homes, 9 (18/3)
Pier System, 15* (15/4)
Traffic, 1964, 12 (21/1)

* Illustrations

London School of Flying, Article by David Woolley, 12*, 13 (4/2)
Lorant, Michael, Article on Integrating California's Airports, 17 (11/2)
LOT Traffic, 1964, 8 (1/4), 12 (20/5)
Luby, Captain M., Death of, 5 (14/1)
Lufthansa, Article by Philip Ray, 4-6* (15/4)
Aeroflot Agreement, 3 (21/1)
Boeing 737 Order, 8 (25/2)
Conway-engined Boeing 707s Disposal, 12 (17/6)
Domestic Service Plans, 10 (8/4)
DC-8, 11* (24/6)
Jamaica Services, 14 (11/2)
Results, 14 (24/6)
Sydney Service, 13 (28/1), 10 (15/4)
Traffic, 1964, 10 (4/2)
Lufttransport Unternehmen (LTU), Sud Caravelle, 8* (18/3)
Luxair, Fokker F-27 Services to London, 19* (22/4)
Results, 1964, 26 (1/4)

M

Maan, Dr. W. J., Paper on Agricultural Aviation, 24 (28/1)
Malaysian Airways, Absorbs Borneo Airways, 10 (8/4)
Share Capital Reorganization, 3 (25/2)
Results, 25 (7/1)
Malev Expansion Plans, 12 (4/3)
Marconi/CFTH Secondary Radar, 20* (1/4)
Martin, James, Knighthood, 46 (17/6)
Martin, Peter, Article on the Tokyo Convention, 15 (6/5)
Masefield, Peter, Appointed Chairman, British Airport Authority, 98 (10/6)
Massachusetts Helicopter Airlines, 11 (25/3)
MATRA Activities Reviewed, 31 (3/6)
McKee, Gen. William F., Appointed Administrator, FAA, 8 (6/5)
Meacock, F. T., Resignation from Staff of *The Aeroplane*, 6 (29/4)
Meacock, F. T., Articles by:—
Air Holdings Group Engineering, *Supplement* (21/1)
Commercial Aircraft Facts and Figures, *Supplement* (4/2)
"Men at the Top" Series, Dr. Omar Fontana, 24* (24/6)
Merriam, Joan, Death of, 26 (25/2)
Messerschmitt Acquire Full Control of Junkers, 10 (18/3)
Messier Activities Reviewed, 31 (3/6)
Mexicana, Results, 20 (4/2)
Meyers 200A, South African Production, 31 (4/3)
Middle East Airlines, Long-haul Jet Order Situation, 26 (1/4), 11 (29/4), 11 (18/2), 54 (13/5)
Results, 25 (28/1)
Mil Mi-4, 20 (25/3); Ground Resonance Prevention, 20 (29/4)
Mi-6, 36* (3/6), 29* (17/6)
Mi-8, 29* (17/6)
Mi-10, 36* (3/6), 29 (17/6)
Military Transport, Review, 16 *et seq.*, (20/5)
Paris Show Exhibits, 39*, 40* (17/6), 22 (24/6)
Ministry of Aviation, Payments to Manufacturers, 1963-64, 21 (7/1)
Mirza, Jamshed S., Death of, 7 (3/6)
Mitsubishi MU-2, 24 (7/1), 18 (25/2)
ML Aviation Mini-Horse, 23 (29/4)
Mohawk Airlines, FH-227 Order, 9 (4/2)
One-Eleven, 8* (1/4), 10* (13/5); Interior Design, *Supplement* (25/2)
Morane-Saulnier Paris 3, 42 (17/6)
Rallye Production, 21 (1/4)
Morley, F. W., Lord Sempill Paper, 32 (18/3)
Morton Air Services, *Supplement* (21/1)
Moscow, Domodedovo Airport, 11* (7/1)
Heliport, 9* (7/1)
Moynet Jupiter, 20* (24/6)
Murphy, Charles S., Appointed Chairman, CAB, 8 (6/5)

N

NAMC YS-11, 8* (13/5), 8* (24/6); Orders, 13 (21/1), 12 (13/5)
National Airlines, Offer for Northeast Airlines Withdrawn, 8 (4/2)
New Year Honours, 30 (7/1)
New York, Airports, Budget, 1965, 10 (4/2)
Fourth Airport, 20 (4/3); Sites Rejected, 13 (29/4)
Kennedy International Airport Improvements, 20 (22/4)
La Guardia Airport Redevelopment, 8* (14/1)
Pan American Heliport, 10 (21/1), 13 (29/4)
Port Authority Annual Report, 13 (29/4)
Teterboro Airport, Pan Am Take-over Negotiations, 26 (25/2)
New York Airways, Financial Aid, 7 (24/6)
Results, 16 (27/5)
Newman, D. R., James Clayton Lecture, 32 (18/3)
Nice Airport, New Glidepath Aerial, 60 (17/6)
Nord-Aviation, Activities Reviewed, 21 (3/6)
Helcade B V/STOL Experimental Aircraft, 24 (22/4)
Rocade, 34* (17/6)
262, Auxiliary Turbojet, 22 (11/2); J.D.A., 14* (10/6); Lake Central Airlines, 8* (7/1)
-Breguet Co-operation, 32 (17/6)
Nordair to be Re-formed under Name Aero-Nord, 7 (7/1)
North American Mustang Restored, 31* (11/3)
Sabreliner, 42 (17/6)
XB-70, 34 (20/5), 34 (27/5); Engine Noise Suppression, 20 (14/1)
North Central Airlines, Results, 10 (18/3)
Northeast Airlines, Florida Routes Bid, 10 (25/2)
Results, 10 (21/1)
Take-over Bids, 8 (7/1), 8 (4/2), 8 (24/6)
World Airways Suit, 8 (18/3)
Northwest Airlines, Damages Award to Accident Widow, 14 (29/4)
Northwest Orient Airlines, Results, 28 (11/2), 16 (8/4)

O

Obituary:—
Albarda, Dr. Horatius, 7* (27/5)
Barling, Walter H., 14 (22/4)
Beaumont, Major K. M., 34 (29/4)
Browning, Walter, 12 (11/3)
Churchill, Sir Winston, 3*, 5, 6 (28/1)
de Haviland, Sir Geoffrey, 34* (27/5)
Green, Gustavus, 5 (7/1)
Hives, Lord, 34 (29/4)
Luby, Captain M., 5 (14/1)
Merriam, Joan, 26 (25/2)
Mirza, Jamshed S., 7 (3/6)
Ripper, Dr. W. E., 7 (3/6)
Olympic Airways, Boeing 707-320C Order, 11 (29/4)
North Atlantic Service Negotiations, 10 (25/3)
Onassis Renounces Concession, 10 (8/4)
Oslo, Fornebu Airport Terminal, 11* (14/1)
Oxygen Systems, Ultrasonic Leak Detection Device, 21 (14/1)
Ozark Air Lines, Results, 10 (18/3)

P

Pacific Air Lines, Ultrasonic Detection Method, 32 (15/4)
Pacific Northern Airlines, Results, 21 (6/5)
Pacific Western Airlines, Air-bus Services, 10 (17/6)
Pakistan-China Agreement, 7 (24/6)
Pakistan International Airlines, Boeing 720B Accident, 11, 34 (27/5), 46 (3/6)
DC-3 Accident, 26 (1/4)
Pilot Training Scheme, 14 (14/1)
Pan African Airlines, 13 (28/1)
Pan American World Airways:—
African Expansion Plans, 7 (1/4)
Aid to Iran, 8 (18/2)
All-cargo Jet Services Expanded, 15 (20/5)
All-weather Operations, 20 (11/3)
Boeing 707 Accident Report, 21 (4/3), 23 (11/3)
Boeing 727 Order, 14 (25/3)
Business Jets Division, Falcon, Sales Letter, 19 (25/2); *see also* Dassault Mystère 20
Canary Islands Service Application, 10 (17/6)
Cut-price Transatlantic Charters, 11 (27/5)
In-flight Film Shows, 9 (21/1)
New York Heliport, 10 (21/1); 38* (11/3)
Pilot Strike, 16 (29/4)
Results, 20 (25/2), 15 (4/3), 16 (15/4), 31 (20/5)
Tempelhof Services, 14 (25/3)
Teterboro Airport Take-over Negotiations, 26 (25/2)
Traffic, 1964, 9 (14/1)
Panair do Brasil, Bankruptcy, 19, 26 (25/2)
Winding-up, Article by Peter Clegg, 4 (8/4); Corres., 15 (22/4)
Paris Airport Traffic 1964, 7 (14/1)
Paris Show, Preview, 21 *et seq.* (10/6); Report, 27 *et seq.* (17/6), 15-22* (24/6)
Partenavia P.64 Oscar, 28 (22/4), 20* (24/6)
Peruvian International Aviation Co., 12 (21/1)
"Phileas", Article by:—
Around the World Economy Class, 4-6* (27/5)
Philippine Air Lines, Acquires Aer Lingus F-27s, 22 (6/5)
New Service Proposals, 11 (25/3)
One-Eleven Routes, 12 (4/3)
Results, 25 (28/1), 16 (15/4), 36 (20/5)
Phoenix Flight Services Ltd., Take-off Monitor, 12 (14/1)
Piaggio P.166C High-density Light Twin, 26* (11/2)
-Douglas PD-808, 20*, 21* (11/2), 35* (20/5)
Pilatus Flugzeugwerke AG, Silver Jubilee, 22*, 23* (27/5)
Porter, 35* (20/5); Turin Studies, 16 (11/2)
Turbo-Porter, FAA Certificate, 26 (15/4); Sales, 12 (18/2)
Pilots: Licensing Law, 12 (4/2); Safety Limits, 24 (6/5)
Piper, Australian Distributorship, 28 (4/3), 31 (11/3), 31 (15/4)
Aztec C Weight Increase, 26 (29/4)
Cherokee PA-32-260 Six-seat Version, 24* (27/5)
Plessey AR-1 Radar Inauguration, 14 (3/6)
New Equipment, 25* (11/2)
Results, 16 (8/4)
-Microturbo Agreement, 22 (7/1)
Potez Activities Reviewed, 30*, 31* (3/6)
84 Series, 42 (17/6)
841, 23* (11/2); First Flight, 21 (28/1); Correction, 5 (4/2)
842, First Flight, 20 (7/1)

* Illustrations

Pratt & Whitney STF 219 Engine, 30 (17/6)
Private Flying: U.K. Club Fuel Rebate to End, 18 (4/2)
Purdue Aeronautics, DC-3 Accident Report, 14 (14/1)

Q

Qantas, Boeing 707-338C Cargo/passenger Jet, 14* (4/3)
Jet Base, 26*, 27 (25/3)
Lima Plans, 8 (17/6)
Simulator, 25 (22/4)
Quebecair Acquire Northern Wings Ltd., 9 (29/4)

R

Radar, Daylight, Cossor, 18 (13/5)
Marconi/CFTH Secondary, 20* (1/4)
Platforms, Floating, 18 (29/4)
Plessey AR-1, 14 (3/6)
Secondary Surveillance, Implementation in Europe, 23 (22/4)
Radioactivity, Control of, Article by Philip Robins, 24*, 25* (29/4)
Ratier Figeac Activities Reviewed, 31 (3/6)
Ray, Philip, Article on Lufthansa, 4-6* (15/4)
Recorders, Ministry of Aviation Programme, 26 (21/1)
Reims-Aviation Activities Reviewed, 32 (3/6)
Rendel, David, Article on Australian Domestic Services, 14-16* (28/1)
Republic Aviation, French Subsidiary Wound up, 10 (18/3)
Riley Executive 400, Certification, 31 (4/3); First European Conversion, 20* (24/6)
Ripper, Dr. W. E., Death of, 26 (1/4), 7 (3/6)
Robins, Philip, Article on Control of Radioactivity, 24*, 25* (29/4)
Rolba Snow Ploughs, 16* (25/2)
Rolls-Royce Ltd., Results, 31 (20/5)
Spey, After-sales Service, *Supplement* (25/2); 1 000 hr. Endurance Test, 16 (4/2)
Tyne, First European Production, 25 (22/4)
Rome, Fiumicino Airport, Congestion Problems, 20 (11/3); Third Runway, 12 (25/3)
Royal Aero Club, Sporting Calendar 1965, 18 (4/2)
Royal Aeronautical Society, Annual Air Transport Course, 24 (15/4)
Symposium on Air Freight, 22, 23 (14/1)
Royal Air Force, Malaysian Operations, 22 (29/4)
Transport Command Survey, 15 *et seq.* (18/3)
Royal Canadian Air Force, Boeing-Vertol CH-113 Search and Rescue Aircraft, 22* (29/4)
Roxburgh, Wg. Cdr. H. A., 9* (14/1)
Runways, *see* Airports
Russia, *see* U.S.S.R.

S

Sabena, Concorde Option, 11 (3/6)
Results, 28 (18/2)
Summer Schedules, 10 (4/3)
707 Accident Report, 15 (21/1)
Sadia Herald Order, 10 (21/1)
Safety: Beirut, IACO School, 18* (17/6)
FAA Emergency Evacuation Trials, 22 (22/4)
San Francisco and Oakland Helicopter Airlines Hovercraft Service, 8 (4/2), 7 (10/6)
S-61Ns, 11 (28/1)
Saskair, Put Up for Sale, 10 (7/1); Acquired by North Canada Air Ltd., 10 (8/4)
Saturn Airways-Aaxico Airlines Merger, 10 (17/6)
Scandinavian Airlines System, DC-8 Fleet Decision, 14 (20/5)
-Thai Airways International Arrangement Extended, 10 (25/3)
Scotland, Highlands and Islands Airports to Remain under M.o.A. Management, 20 (11/3)
Seaboard World Airlines, Results, 36 (20/5)
Sea-station Telecommunications Formed, 18* (29/4)
Seekings, John, Articles by:—
Air Holdings, *Supplement* (21/1)
Central African Airways, 4-7* (4/3)
UTA, 4-6* (3/6)
SEPR Activities Reviewed, 31 (3/6)
Shaw, W. Hudson, Article on Qantas Jet Base, 26*, 27 (25/3)
Short Bros. and Harland Ltd.:—
Belfast, *Supplement** (4/2); Afghan Evaluation, 9, 10 (28/1); Corres., 7 (18/2); Comparison with C-130E, 5* (11/2)
Service Training School, 24* (11/2)
Skyvan, Emerald Airways Order, 13 (25/3)
Turbo-Skyvan, Aer Alpi Order, 34 (18/3); Australian Interest, 14 (27/5)
Sikorsky S-58, Turbine-powered Version, 18 (11/3)
S-61N Atlantic Ferry Flight, 18 (29/4)
S-65, Larger Version Projected, 20 (25/3)
SIPA Activities Reviewed, 32 (3/6)
Antilope, 42 (17/6)
Skyways Coach Air, Midlands-Paris Service, 8 (8/4)
Slick Airways, Cargo Jet Orders, 10 (21/1)
Smith, Joan Merriam, Death of, 26 (25/2)
SNECMA, Activities Reviewed, 21 (3/6)
-Bristol Siddeley Collaboration, 22 (11/2)
Snow Ploughs, Rolba, 16* (25/2)
Somali Airlines, Expansion, 12 (4/3)
Sonic Booms, U.K. demonstrations, 3, 17 (29/4)
U.S. Report, 15 (18/2)

Southampton (Eastleigh) Airport, 30 (20/5); Concrete Runway, 15 (11/2)
South Africa, Aircraft Industry to be Established, 20 (25/3)
U.S. Light Aircraft Manufacturing Plans, 31 (15/4)
South African Airways, Results, 28 (11/2), 11 (1/4)
727 Order, 12 (8/4)
-TAP Pool Services, 8 (25/3)
South Central Airlines, Beech D18S Accident Report, 14 (21/1)
Southeast Airlines, Merger with Argonaut Airlines, 10 (15/4)
Southend Airport, Runway Extension Recommended, 9 (4/2)
Southern Airways, Results, 12 (3/6)
Sperry Gyroscope Chobham Navigator Unit, 44 (17/6)
Stavanger, Sola Airport Proposed as Scandinavian SST Airport, 14 (11/2)
Sterling Airways, Take-over Offer, 8 (25/3)
Steward-Davis Catalina High-performance "Skybarge" Version, 78 (10/6)
Straits Air Freight Express, *Supplement* (21/1)
Strydom, Lew, Minicopters, 33 (20/5)
Sud Aviation:—
Activities Reviewed, 18*, 19* (3/6)
Alouette III, Order, 28 (24/6); U.K. C. of A., 24 (22/4)
Caravelle 10BIR, 26* (21/1), 22 (11/2)
Exports, 1964, 20 (25/2)
Galion, 32 (17/6)
S.A.330, 21* (28/1), 30 (4/3), 34* (6/5); First Flight, 19 (29/4)
Super Caravelle B, 8* (25/3)
Super Frelon, 21* (4/6); Trials, 15 (11/3), 33 (20/5)
-Dassault Mercure 24-30 Project, 24 (22/4)
Swallow Colt 190, 40* (3/6)
Swearingen Merlin II, 18 (4/2); First Flight, 26 (29/4)
Swissair, Atlantic Traffic 1964, 14 (11/2)
Berne Services, 10 (18/2), 46 (3/6)
Coronado Service Results, 4*, 5* (18/3)
Pilot Trouble, 22 (11/3)
Results, 34 (25/3)
Sydney, Air Traffic Control Centre, 23 (15/4)
Kingsford-Smith Airport, International Terminal, 13*(29/4)
Szydlowski, Joseph, Halford Memorial Lecture, 20, 21 (29/4)

T

TABSO Interest in Trident, 12 (15/4)
TAC International Airlines, Results, 12 (10/6)
Take-off Monitor, Phoenix Flight Services Ltd., 12 (14/1)
TAP, Johannesburg Services Planned, 13 (28/1)
Results, 27 (11/2)
-South African Airways Pool Services, 8 (25/3)
Tasman Empire Airways, Renamed Air New Zealand, 11 (28/1), 8 (29/4)
Tedeco Turbomag Magnetic Drain Plug, 25* (27/5)
Thai Airways International, Caravelles, 7 (7/1)
SAS Arrangement Extended, 10 (25/3)
Todd, Capt. Norman, Article on the BOAC Super VC10 Proving Flight, *Supplement* (1/4)
Tokyo Convention, 15 (6/5)
Trades Union Congress Submission to Plowden Committee, 34 (6/5)
Trans World Airlines:—
Family Fare Plan, 13 (27/5)
Financial Aid to New York Airways, 7 (24/6)
In-flight Films Option, 9 (29/4)
Results, 27 (18/2), 12 (3/6)
$100 m. Loan Arranged, 21 (6/5)
707 Order, 7 (4/2)
Transair (Sweden) DC-7Bs, 14 (25/3)
Norwegian Subsidiary Formed, 10 (8/4), 10 (29/4)
Transall C-160, 26*, 27 (11/3), 34 (22/4), 33* (17/6)
Trans-Australia Airlines:—
DC-4 Cargo Conversion, 13 (24/6)
DC-9 Re-equipment Proposals, *see* Australia, Airlines
Move to Operate Intra-state Services, 12 (20/5)
Transavia Airtruk, 24 (28/1), 23* (27/5)
Transport Aircraft:—
Airbus Design, Article by C. F. Joy, 17*, 18* (1/4); R.Ae.S. Symposium, 26 (6/5), 42 (13/5)
Orders, Airlines, Sales, 12 (15/4)
Supersonic, U.K. Research Costs, 21 (28/1); *see also individual aircraft*
World Commercial Aircraft, *Supplement* (4/2)
Trans-Texas Airways, Results, 28 (11/2)
Trek Airways, Australian Service, 8 (29/4)
Change in Share Ownership, 18 (22/4)
Trinidad Landing Fees, 12 (25/3)
Tupair Equipment Problems, 11 (8/4)
Tupolev Tu-134, 20 (7/1), 24 (22/4), 36* (3/6), 29* (17/6)
Tu-144 SST Design, 28 (17/6), 19* (24/6)
Turboméca, Activities Reviewed, 31 (3/6)
Oredon III, 25 (22/4), 20, 21* (29/4)
T.260, 43 (17/6)
Tyre Selection for Modern Aircraft, Article by D. Holden, 24*, 25 (25/3)

U

Uganda, Cessation of Services, 14 (6/5)
Union des Transports Aeriens, Article by John Seekings, 4-6* (3/6)
Assumes Control of Liberian National Airways, 10 (25/2)
United Air Lines:—
Boeing 737 Order, 14 (15/4)
Results, 27 (11/2), 11 (1/4), 31 (20/5)
San Francisco Maintenance Base, 18 (14/1)
Short-haul Order Speculation, 9 (1/4)
Viscount Accident Inquiry, 17 (28/1)
United Arab Airlines, Viscount Disposal, 13 (25/3)
United Builders Merchants, Beech Baron, 22*, 24 (13/5)
United States:—
Accident Trend 1955-1964, 18 (28/1)
Air Force, C-5A Heavy Transport Programme, 21 (27/5); CX-6 Requirement, 40 (17/.)
Air-mail, Overnight Delivery Scheme, 10 (15/4)
Air-taxi Operations, 11 (14/1)
Alaska Rights for Foreign Carriers, 14 (11/2)
Baggage Limits, Abolition Proposed, 12 (20/5)
Canadian Agreement, 10 (18/2), 8 (29/4)
Central and South American Airline Operations in U.S., 11 (25/2)
CX-HLS Proposals, 30 (7/1)
Domestic Airline Passenger Traffic 1964, 9 (21/1)
Domestic Fare Structure, 13 (21/1), 9 (4/2)
Dulles Airport Exhibition Planned, 30 (14/1)
Forest Spraying, 31 (11/3)
Freight Rates Dispute, 13 (24/6)
Future of Scheduled Helicopter Operations, 46 (18/3)
Hague Protocol Ratified, 7 (24/6)
Helicopter Airlines, Financial Aid, 7 (4/2), 10 (6/5)
Italian Air Talks, 7 (14/1)
Light Aircraft Deliveries, 1964, 3 (18/2)
Light Aircraft Exports, 27 (18/2), 31 (11/3)
MATS Charter Rates Reduction, 12 (18/2), 10 (1/4)
Military Air Transport Service to be Known as Military Airlift Command, 84 (10/6)
Military Transport Budget, 27 (11/3)
Off-route Charter Restrictions, 10 (1/4)
Presidential Aircraft Costs, 27 (6/5)
Private Flying, 20 (21/1)
Sonic Boom Studies, Report, 15 (18/2)
SST, 22 (11/2); Airline Views, 8 (25/2); Powerplant, 39 (3/6); Programme Approved, 26 (24/6)
Supplemental Air Carriers Charter Concession, 12 (21/1)
Universal Organization of Travel Agents Associations, 8 (18/3)
U.S.S.R.:—
Flying Boat Project, 40 (13/5)
SST Design, 28 (17/6), *see also* Tupolev

V

Vancouver, New International Airport Plans, 30 (20/5)
Varig, Article by Peter Clegg, 4-7* (6/5)
Concorde Interest, 11 (24/6)
London Rights, 20 (6/5)
Take-over of Panair Services, 10 (18/2)
VASP Herald Order, 19 (22/4)
VFW 614, 33 (17/6), 21* (24/6)
Vickers:—
Results, 15 (29/4), 14 (17/6)
Super VC10, *Supplement* (1/4); C. of A., 22* (25/3); BOAC, 15* (11/3); East African Airways Order, 11 (8/4)
VC10, Data Sheet, *Supplement* (1/4); Correction, 9 (6/5)
Victa Airtourer, 24 (14/1), 18* (25/2)
Volpar Beech 18 Turboprop Conversion, 90* (10/6)

W

Walker, Dr. P. B., Paper on the Scientific Investigation of Aircraft Accidents, 18 (14/1)
Washington National Airport, Jet Study, 15 (8/4)
West Coast Airlines, DC-9 Order, 18 (11/3)
Market Studies, 15 (11/3)
Western Air Lines, DC-6B Accident Report, 24 (6/5)
Westland Aircraft Ltd., Results, 26 (14/1), 19 (4/2)
50th Anniversary, 19 (27/5)
Whitehall Travel, *Supplement* (21/1)
Whittle, Sir Frank, Goddard Award, 30 (14/1)
Wideroe's Flyveselskap Herald Interest, 12 (18/2)
Wiltshire School of Flying Jackaroo Accident Report, 30 (20/5)
Winnipeg Maintenance Base, 15 (4/2)
Woolley, David, Articles by:—
Beagle Aircraft, 21* 22 (18/2)
British Agricultural Aviation, 17, 18* (7/1)
Gatwick Airport, 4*, 5* (24/6)
London School of Flying, 12*, 13 (4/2)
World Airways, Boeing 707-373C Order, 7 (14/1)
Damages Suit Against Northeast Airlines, 8 (18/3)
Wrixon, G. R., Article on the French Aircraft Industry, 17 *et seq.* (3/6)
Wyatt, Sir Myles, *Supplement* (21/1)
Wynn, Humphrey, Article on Military Aviation Developments, 28 (20/5)

Y

Young, Flt. Lt. J. R., Article on SARBE/UHF/Homing Aids, 27 (15/4

Z

Zurich, Kloten Airport, Foam Carpet Laying, 36 (20/5)

* Illustrations